Application No. 10/785,444
Response to Office Communication dated August 17, 2006
Paper dated September 1, 2006
Attorney Docket No. 0624-032551

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

## **Listing of Claims**

## 1-43. (Canceled)

- 44. (New) An extract from leaves of *Toona sinensis*, which is prepared by a process comprising the following steps:
  - (1) extracting the leaves of *Toona sinensis* with water by heating to obtain a first extract; and
  - (2) extracting the water-extracted first extract obtained in step (1) with an alcohol to obtain an alcohol-extracted second extract;

wherein the extract is suitable for inhibiting growth of a cancer cell selected from the group consisting of ovarian cancer cell and bladder cancer cell.

- 45. (New) An extract from leaves of *Toona sinensis*, which is prepared by a process comprising the following steps:
  - (a) extracting the leaves of *Toona sinensis* with water by heating to obtain an aqueous extract solution;
  - (b) drying the aqueous extract solution obtained in step (a) to obtain a dried first extract;
  - (c) dissolving the first extract obtained in step (b) in an alcohol solvent to form an alcohol extract solution; and
  - (d) removing the alcohol solvent from the alcohol extract solution obtained in step(c) to obtain a dried second extract;

wherein the extract is suitable for inhibiting growth of a cancer cell selected from the group consisting of ovarian cancer cell and bladder cancer cell.

46. (New) The extract from leaves of *Toona sinensis* as claimed in Claim 44, which is adapted for use in the preparation of a medicament for treating ovarian cancer or bladder cancer.

- 47. (New) The extract from leaves of *Toona sinensis* as claimed in Claim 45, which is adapted for use in the preparation of a medicament for treating ovarian cancer or bladder cancer.
- 48. (New) A process for preparing an extract from leaves of *Toona sinensis*, comprising the following steps:
  - (a) extracting the leaves of *Toona sinensis* with water by heating to obtain an aqueous extract solution;
  - (b) drying the aqueous extract solution obtained in step (a) to obtain a dried first extract;
  - (c) dissolving the first extract obtained in step (b) in an alcohol solvent to form an alcohol extract solution; and
  - (d) removing the alcohol solvent from the alcohol extract solution obtained in step
    (c) to obtain a dried second extract;

wherein the extract is suitable for inhibiting growth of a cancer cell selected from the group consisting of ovarian cancer cell and bladder cancer cell.

- 49. (New) The process as claimed in Claim 48, wherein, in step (a), the aqueous extract solution is obtained by boiling down water added with the leaves of *Toona sinensis* to an appropriate amount for subsequent filtering.
- 50. (New) The process as claimed in Claim 49, wherein filtering is conducted by using an apparatus selected from the group consisting of gauze, cotton wool, a filter sieve with a predetermined mesh, and a combination thereof.

Application No. 10/785,444
Response to Office Communication dated August 17, 2006
Paper dated September 1, 2006
Attorney Docket No. 0624-032551

- 51. (New) The process as claimed in Claim 48, wherein the drying treatment employed in step (b) is selected from the group consisting of lyophilization, low-temperature spray-drying, low-temperature evaporation, and a combination thereof.
- 52. (New) The process as claimed in Claim 51, wherein the drying treatment employed in step (b) is lyophilization.
- 53. (New) The process as claimed in Claim 48, wherein step (b) includes the following sub-steps:
  - (i) centrifuging the aqueous extract solution obtained in step (a) to obtain a supernatant and a precipitate; and
  - (ii) subjecting the supernatant obtained in step (i) to a drying treatment.
- 54. (New) The process as claimed in Claim 53, wherein the drying treatment employed in step (ii) is selected from the group consisting of lyophilization, low-temperature spray-drying, low-temperature evaporation, and a combination thereof.
- 55. (New) The process as claimed in Claim 48, wherein the alcohol employed in step (c) is selected from the group consisting of ethanol, methanol, propanol, isopropanol, n-butanol, isobutanol, and a combination thereof.
- 56. (New) The process as claimed in Claim 55, wherein the alcohol employed in step (c) is ethanol.
- 57. (New) The process as claimed in Claim 48, wherein the removal of the alcohol solvent in step (d) is performed by using a method selected from the group consisting of lyophilization, evaporation, spray-drying, and a combination thereof.
- 58. (New) The process as claimed in Claim 57, wherein step (d) is carried out by using lyophilization.

4

- 59. (New) A pharmaceutical composition, comprising:
  - (a) a therapeutically effective amount of an extract from leaves of *Toona sinensis* prepared according to the process of Claim 48; and

Application No. 10/785,444
Response to Office Communication dated August 17, 2006
Paper dated September 1, 2006
Attorney Docket No. 0624-032551

(b) a pharmaceutically acceptable carrier;

wherein the composition is suitable for inhibiting growth of a cancer cell selected from the group consisting of ovarian cancer cell and bladder cancer cell.

- 60. (New) The pharmaceutical composition as claimed in Claim 59, which is adapted for use in the treatment of cancer selected from ovarian cancer and bladder cancer.
- 61. (New) A pharmaceutical composition for inhibiting growth of a cancer cell selected from the group consisting of ovarian cancer cell and bladder cancer cell, comprising:
  - (a) a therapeutically effective amount of an extract prepared from leaves of *Toona* sinensis by the process according to Claim 48; and
  - (b) a pharmaceutically acceptable carrier.
- 62. (New) A pharmaceutical composition for treating bladder cancer, comprising:
  - (a) a therapeutically effective amount of an extract from leaves of *Toona sinensis* selected from any one of:
    - (i) an extract from leaves of *Toona sinensis* obtained by extracting leaves of *Toona sinensis* with water;
    - (ii) the extract from leaves of *Toona sinensis* according to Claim 44;
    - (iii) the extract from leaves of *Toona sinensis* according to Claim 45; and
    - (iv) an extract from leaves of *Toona sinensis* prepared by the process according to Claim 48; and
  - (b) a pharmaceutically acceptable carrier.